OIPE JC154 JAN 0 8 2002 PATENT & TRADEMARK OFFICE

JC07 Rec'd PCT/PTO 0 8 JAN 2002

PCT

CASE 1-22531/US/AO/UBT 2/PCT

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Anna R. Maddalena — Type or print name

Anna R. Maddalena — Signature

11/29/01 — Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF
HANS-WERNER SCHMIDT ET AL
INTERNATIONAL APPLICATION NO. PCT/EP 99/01429
FILED: MARCH 5, 1999
FOR: NUCLEATORS FOR CRYSTALLIZABLE THERMOPLASTIC POLYMERS
U.S. APPLICATION NO: 09/914,700
35 USC 371 DATE: AUGUST 31, 2001

Group Art Unit:
Examiner:

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached forms PTO-1449.

Copies of the International Search Report and the references cited therein have already been submitted when this application entered the national stage. Hence, only the additional references are being submitted with this Information Disclosure Statement.

Applicants would also like to bring to the Examiner's attention copending application No. 09/869,930.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

Respectfully submitted,

David R Crichton

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DRC/am/
Encl. References
PTO-1449 Forms
1 Copending Application

FORM PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

O I P E
JAN 0 8 2002
PATENT & TRADEMARK OFFICE

Docket Number (Optional)	Application Number
1-22531/US/AO/UBT 2/PCT	09/914,700
Applicant: HANS-WERNER SCHMIDT ET AL	
Filing Date: AUGUST 31, 2001	Group Art Unit:

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,367,926	2/68	Voeks	260	93.5	
	5,278,216	1/94	Asanuma et al	524	394	
	4,294,747	10/81	Su	260	37	
	5,137,973	8/92	Khanna et al	525	177	
	4,749,736	6/88	Khanna et al	524	230	
	4,694,064	9/87	Tomalia et al	528	332	
	4,338,228	7/82	Inoue et al	524	120	
	3,852,237	12/74	Osborn et al	260	42.21	
	5,574,174	11/96	Syed	549	364	
	5,198,484	3/93	Mannion	524	108	
	5,216,051	6/93	Smith et al	524	108	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
	0780428	6/97	Europe				
	60252655	12/85	Japan				
	0278409	8/88	Europe				
	2310860	9/97	Great Britain				
	95/13317	5/95	PCT/World				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Derwent Abstr, 86-032017/05 for JP 60252655 (1985)
	Chem. Abstr. 125:309830 for Adv. Mater., (1996), Vol. 8, No. 9, pp. 740-741
	Bielstein Registry No. 1989871, Ref. 1646400 for Journal Isoshima, NPKZAZ, Nippon Kagaku Zasshi, Vol. 77, (1956), 422, 431,

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

OIPE JC19 JAN 08 2002 PATENT & TRADEMARK OFFICE

Docket Number (Optional)	Application Number
1-22531/US/AO/UBT 2/PCT	09/914,700
Applicant: HANS-WERNER SCHMIDT ET AL	
Filing Date: AUGUST 31, 2001	Group Art Unit:

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,016,118	4/77	Hamada et al	260	17.4	
	4,585,817	4/86	Su et al	524	108	
	5,198,484	3/93	Mannion	524	108	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
	1951632	5/71	Germany				
	07278374	10/95	Japan			✓	
	06192496	7/94	Japan			✓	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Beilstein Registry No. 2030045, Ref. 279234, L.A. Alekseeva et al., J. Org. Chem. USSR (Engl. Transl.), Vol. 10, (1974), pp. 1063-1068
	Beilstein Registry No. 2489023, Ref. 1985261, for Rosenmund, Lohfert, Chem. Ber. Vol. 61, (1928), 2607
	Beilstein Registry No., 3455889, Ref. 2029913, for David, Imer, Bull. Soc. Chim. Fr., (1953), 183

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449	Docket Number (Optional) 1-22531/US/AO/UBT 2/PCT	Application Number 09/914,700
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Applicant HANS-WERNER SCHMIDT ET AL	
	Filing Date AUGUST 31, 2001	Group Art Unit

O I P E JC194 JAN 0 8 2002 PATENT & TRADEMARK OFFICE

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Beilstein Registry No. 6557393, Ref. 5818304, for Takenada et al., Cryst. Liq. Cryst. Vol. 111, (1984), pp. 227-236
	Beilstein Registry No. 6885534, Ref. 5881807, for Akopova et al., J. Gen. Chem. USSR (Engl), Vol. 57, (1987), pp. 570-574
	Beilstein Registry No. 7649924, Ref. 6046315, for Bioorg. Med. Chem. Lett, Vol. 6, No. 19, (1996), pp. 2269-2274

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449

OIPE JAN 08 2002 PATENT & TRADEMARK OFFICE 1614

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)	Application Number
1-22531/US/AO/UBT 2/PCT	09/914,700
Applicant: HANS-WERNER SCHMIDT ET AL	
Filing Date: AUGUST 31, 2001	Group Art Unit

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Derwent Abstr. 31904S-AE for DE 1951632 (1971)
	R. Gächter et al., Plastics Additives Handbook, 3rd Ed., Stabilizers Processing Aids, Plasticizers, Fillers, Reinforcements, Colorants for Thermoplastics, pp. 863-874
	U. Johnson et al., Die Angewandte Makromolekulare Chemie, Vol. 74, (1978), pp. 1-15, (No. 1146)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449	Docket Number (Optional) 1-22531/US/AO/UBT 2/PCT	Application Number 09/914,700
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Applicant HANS-WERNER SCHMIDT ET AL	
	Filing Date AUGUST 31, 2001	Group Art Unit

JAN 0 8 2002 TECH CENTER JC1500 PATENT & TRADEMARK OFFICE

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	A. Wlochowicz et al., Die Angewandte Makromolekulare Chemie, Vol. 171, (1989), pp. 79-89 (No. 2741)
	H. Beck, Journal of Applied Polymer Science, Vol. 11, pp. 673-685 (1967)
	F. Binsbergen, Polymer, Vol. 11, pp. 253-267, (1970)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

JAN 0 8 2002 JC19 PATENT & TRADEMARK OFFICE

Docket Number (Optional)	Application Number
1-22531/US/AO/UBT 2/PCT	09/914,700
Applicant	
HANS-WERNER SCHMIDT ET AL	
Filing Date	**Group Art Unit**
AUGUST 31, 2001	

U. S. PATENT DOCUMENTS

INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	R. Schlotmann et al., Kunststoffe, Vol. 86, No. 7, (1996) pp. 1002-1006
	R. Morrison et al., Organic Chemistry, 2nd Ed., (1966), p. 893

EXAMINER	DATE CONSIDERED

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